DERWENT-ACC-NO: 1968-66566P

DERWENT-WEEK 196800

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TITLE:

Printed laminated thermoplastic wrapping sheets bonded

PATENT-ASSIGNEE: UNION CARBIDE CORP[UNIC]

PRIORITY-DATA: 1964CA-0900393 (April 15, 1964)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

CA 739923 A

N/A

000 N/A

ABSTRACTED-PUB-NO: CA 739923A

BASIC-ABSTRACT:

Two thermoplastic sheets of wrapping material, e.g. for bread, are laminated by printing with ink on a surface of one sheet and uniting the printed surface while the ink is still wet with the printable surface of another sheet, the sheets being bonded by the ink. When one of the sheets is wider than the other, portions of it may extend beyond the opposite sides edges of the narrower sheet. The thermoplastics may be e.g., polyethylene, polypropylene, nylon, vinyl chloride or vinylidene chloride. Standard flexographic inks are used. If necessary, the sheets are flame-treated to render them printable.

TITLE-TERMS: PRINT LAMINATE THERMOPLASTIC WRAP SHEET BOND

DERWENT-CLASS: A00

CPI-CODES: A04-G02; A11-B09; A11-C01; A12-S06;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 01& 041 046 047 303 313 364 366 367 371 381 431 435 443 446 477 633 688 723

I Number	Hits 23	, , , , , , , , , , , , , , , , , , , ,	DB USPAT:	Time stamp 2003/04/15 18:27
		ink)	US-PGPUB, EPO, IPO, DERWENT, IBM_TDB	
20	42	pvc near3 plastisol near9 mk	USPAT. US-PGPUB; EPO, JPO, DERWENT;	2003/04/15 14 34
21	8	(pvc near3 plastisol near9 ink) near9 (aqueous water solvent)	IBM_TDB USPAT; US-PGPUB; FPO, JPO;	2003/04/15 14 35
22	154	pvc near ⁹ (plastisol plasticizer) same (pigment ink) same (aqueous water solvent)	DI RWENT; BM_TDB USPAT; US-PGPUB; FPO; JPO;	2003/04/15 14:36
23	121	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)	DERWENT: IBM_TDB USPAT: US-PGPUB;	2003/04/15 14:42
25	()	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) same screen\$1print\$4	EPO, JPO; DERWENT; IBM_TDB USFAT US-PGPUB;	2003/04/15 14:54
24	79	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9	LPOLIFOL DERWENT: IBM_TDB USPAT:	2003/04/15 14:56
		(pigment ink) near9 (aqueous water solvent)	US-PGPUB: I PO: JPO: DEEWENT: IBM_TDB	2003001311.00
26	l	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) and screen\$1print\$4	USFAT: US-PGFUB, EPO; JPO; DERWINT,	2003/04/15 14 54
28	33	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer same (pigment ink) same (aqueous water solvent)	IBM_TDB USPAT: US-PGFUB; I PO, JPO.	2003/04/15 14:58
27	10	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer near9 (pigment ink) same (aqueous water solvent)	DERWENT: IBM_TDB USFAT: US-PGPUB: I PO, JPO.	2003/04/15 15 14
29	489	transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO, IPO;	2003/04/15 15:17
32	2	applique graphic logo decal label (and transfer\$8 near) (chot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)	DERWEYE IBM_TDB USPAT, US-PGPUB, I-PO, JPO,	2003 04 15 15 23
			DERWENT, IBM_TDB	

33	70	((applique graphic logo decal label) and (transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)) and (fabric garment)	USPAT: US-PGPUB: EPO JPO:	2003/04/15 15:56
3()	119	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6	DERWENT; IBM_TDB USPAT; US-FGPUB; FPO; JPO;	2003/04/15 16:09
34	25	(transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6) and (fabric garment)	DERWENT, IBM_TDB USFAT, US-PGFUB, I PO, JFO;	2003/04/15 15.56
35	36	(transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6) and (fabric garment cotton cloth\$4)	DERWENT, IBM_TDB USPAT, US-PGPUB;	2003/04/15 15.57
36	I	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6 same (singe\$4 burn\$4)	PO: JPO: DERWENT: IBM_TDB USPAT: US-PGFUB:	2003/04/15 16:13
37	65	(applique graphic logo decal label) and laser near9 cut\$6 same (singe\$4 burn\$4)	I PO; JPO; DERWI NT; IBM_TDB USPAT; US-PGPUB;	2003/04/15 16:21
38	126	(applique graphic logo decal label) same (singe\$4 burn\$4) same laser	EPO, JPO, DERWEAT, IBM_TDB USEAT, US-PGPUB,	2003/04/15 16.15
39	24	(applique graphic logo decal label) same (singe\$4 burn\$4) same	EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/04/15 16:36
40	1	laser same cut\$5 laser near3 cut\$6 same (singe\$4 burn\$4) same visible near5 (line	US-PGPUB: FPO: JFO: DERWENT, IBM_TDB USPAT	2003/04/15 16:23
		mark)	US-PGPUB; FPO, JPO, DERWENT: IBM_TDB	
41	539	laser near3 cut\$6 same (singe\$4 burn\$4)	USPAT: US-PGPUB: FPO, JPO: DERWENT: IBM TDB	2003/04/15 16:23
42	24()	laser near3 cut\$6 near9 (singe\$4 burn\$4)	USFAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003.04.15 16 36
44	2	(laser near3 cut\$6 same (singe\$4 burn\$4)) same weed\$4	USEAT: US-PGPUB, FPO, IPO, DERWENT: IBM_TDB	2003/04/15 16:26

43	43	(laser near3 cut\$6 same (singe\$4 burn\$4)) same (design indicia	USPAT:	2003/04/15 16 27
	1,.	graphic letter image)	US-PGPUB:	2000,000,000,000,000
			ТРО, ІРО;	
			DERWENT. IBM_TDB	
45	1479	(applique graphic logo decal label design) same laser near9	USEAT.	2003/04/15 16:39
		(singe\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	US-PGPUB:	
			ТРО, ЛРО;	
			DERWEYT.	
46	555	(applique graphic logo decal label design) near9 laser near9	IBM_TDB USPAT.	2003/04/15 16:41
		(singe\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	US-PGPUB;	
			IPO, IPO;	
			DERWENT	
47	11	(applique graphic logo decal label design) near9 laser near9	IBM_TDB USPAT	2003/04/15 16:44
4 7	11	(singe\$4 burn\$4 white\$6 blacken\$4) near9 (track visible line	US-PGPUB:	2003/04/15 10:44
		mark\$4)	ТРО, ЛГО;	
			DERWENT:	
10	2050	The control of the co	IBM_TDB	2002/01/15 17.17
49	2850	laser near9 cut\$4 near9 (track visible line mark\$4)	USPAT. US-PGPUB:	2003/04/15 17:16
			TPO. JPO:	
			DERWINT;	
10	44)		IBM_TDB	22
48	4()	laser near9 cut\$4 near9 (singe\$4 burn\$4 white\$6 blacken\$4) near9 (track visible line mark\$4)	USPAT US-PGPUB:	2003/04/15 16:57
		(track visitie time mark.54)	PO JPO:	
			DERWENT.	
_			IBM_TDB	
50	9	laser near9 cut\$4 near9 (edge line) near9 (char\$5 singe\$4 burn\$4	USPAT.	2003/04/15 17:02
		blacken\$4) near9 (track visible trace mark\$4)	US-PGPUB: PPO JPO.	
			DERWELT.	
			IBM_TDB	
51	62	laser near9 (trace singe\$4 burn\$4 track visible line mark\$4) near9	USPAT	2003/04/15 17:44
		edge near3 cut	US-PGPUB;	
			EPO, JPO; DFRWENT;	
			IBM_TDB	
52	2	4851061.pn.	USPAT:	2003/04/15 18:25
			US-PGPUB;	
			FFOLTPOL DERWENT:	
			IBM_TDB	
53	70	label near9 plurality near9 release near3 (paper sheet)	USPAT:	2003/04/15 18:30
			US-PGPUB;	
			FFO; PO; DERWENT;	
			ILM_TDb	
54	11	(label near9 plurality near9 release near3 (paper sheet)) same	USFĀT.	2003/04/15 18:26
		perforat\$5	US-PGPUB.	
			- ЕРО, РО, - тырымы хэг	
			DEFWENT. IbM_tDb	
55	3	transfer\$8 near9 ((hot near2 melt) heat) and (label near9 plurality	USPAT:	2003 04 15 18 30
		near9 release near3 (paper sheet))	US-PGPUB,	
			ЕРО, ІРО,	
			DERWENT, IBM_TDB	
			. 17.01_17/1	

	near3 (backing paper sheet)	USPAT: US-PGPUB:	2003/04/15 18:47
		FPO JPO; DERWENT; IBM_TDB	
3	(transfer\$8 near9 ((hot near2 melt) heat) near9 label same release near3 (backing paper sheet)) same roll	USPAT. US-FGPUB: FPO JFO:	2003/04/15 18:41
3	("3984167" "3616015").pn.	DERWENT, IBM_TDB USEAT, US-FGEUB.	2003/04/15 18:52
0	117/3.2.ccls.	DERWEAT: BM_TDB USPAT: US-PGPUB: FPO JPO:	2003/04/15 18 52
13	transfer near3 heat near9 graphic same fabric	IBM_IDB USPAT US-PGPUB;	2003/04/15 12.32
6	"6015604" "5902667"	DERWENT; IBM_TDB USPAT US-PGPUB; FPO, IPO;	2003/04/15 09:07
247	transfer near3 heat same (graphic logo decal pattern) same fabric	IBM_TDB USPAT: US-PGPUB; 1 PO; JPO;	2003/04/15 09:57
6571	transfer near3 heat same (graphic logo decal pattern)	IBM_TDB USFAT. US-PGFUB, 1PO, IFO.	2003/04/15 11 01
1	(transfer near3 heat same (graphic logo decal pattern)) same kiss\$1cut\$4	BM_TDB USPAT: US-PGFUB; FPO, JPO;	2003/04/15 10:54
4	(stahl near3 brett).in.	BM_TDB USFAT: US-PGPUB, EPO, JPO;	2003/04/15 10 55
289	(transfer near3 heat same (graphic logo decal pattern)) (same cut\$4)	DERWENT. IEM_TDB USLAT. US-PGFCB. I-PO, JPO.	2003.04 (5.16.5)
20	transfer near3 heat same (graphic logo decal) same cut\$4	DERWEST, IEM_TDE USPAT, USPGEUB, EPO, IFO DERWEST,	2003.04/15/11/38
	3 0 13 6 247 6571	near3 (backing paper sheet)) same roll 3 ("3984167" "3616015") pn. 0 117/3.2 cels. 13 transfer near3 heat near9 graphic same fabric 6 "6015604" "5902667" 247 transfer near3 heat same (graphic logo decal pattern) same fabric 6571 transfer near3 heat same (graphic logo decal pattern) 1 (transfer near3 heat same (graphic logo decal pattern)) same kiss\$1cut\$4 4 (stahl near3 brett).in.	BM_TDB

-	7	"5573834"	USPAT.	2003/04/15 11 34
			US-PGFUB. EPO; JFO; DERWENT:	
-	1	transfer near3 heat same (graphic logo decal) and screen\$1print\$4 near4 ink	IBM_TDB USPAT US-PGPUB: FPO: JPO: DERWINT:	2003/04/15 11:39
-	7	transfer near3 heat and (graphic logo decal) and screen\$1print\$4 near4 ink	IBM_IDB USFAT US-PGPUB; FPO: JFO; DERWENT;	2003/04/15 11:39
-	7	transfer\$8 near3 heat and (graphic logo decal) and screen\$1print\$4 near4 ink	BM_TDB USPAT. US-PGP B: FPO, JPO,	2003/04/15 11:43
-	624	transfer\$8 near3 heat same (applique graphic logo decal)	DERWENT, IBM_TDB USPAT, US-PGPUB; FPO; JPO;	2003/04/15 11.50
-	9	(transfer\$8 near3 heat same (applique graphic logo decal)) and ink same adhesive same liquid	DERWENT: IBM_TDB USPAT: US-PGPUB; I PO; IPO;	2003/04/15 11:51
-	107549	transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)	DERWINT: IBM_TDB USPAT: US-PGPUB: FPO: JPO: DERWINT:	2003/04/15 12:05
-	47	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and ink near9 liquid near9 adhesive	IBM_TDB USPAT, US-PGPUB; FFO, IPO.	2003/04/15 15.17
-	16	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and ink near9 liquid near9 (applying coat\$4) near9 adhesive	DEEWENT, IBM_TDB USPAT, USPGPUB, EPO, IPO, DEEWENT,	2003/04/15 11:55
-	2	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and (paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near3 adhesive	IBM_TDE USPAT; US-FGPUB; EPO JPO DERWENT;	2003/04/15 13:52
-	10	"3733212"	IBM_TDB USPAT, USPGPUB, EPO, JPO, DERWEST.	2003/04/15 12 09
-	1	(paint pigment dye ink) near3 liquid near9 (thermoplastic thet-sensitive) near3 adhesive near9 applying	IBM_IDB USPAT: USPAT: US-, GP B: FPO, JPO: DERWENT: IBM_IDB	2003/04/15 12:13
			117.51_11717	

-	3	(paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near3 adhesive near9 (coat\$4 laminat\$5 applying)	USPAT; US-PGPUB:	2003/04/15 12:44
		(het-sensitive)) hear addiesive hear / (coats-) hadmaes. applying /	FFO, JPO, DERWENT:	
-	53	(paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near9 (coat\$4 laminat\$5 applying)	IBM_TDB USPAT: US-PGPUB,	2003/04/15 12:15
	,		FFO, JPO: DERWENT; IBM_TDB	2/9/2/9/1/15 12 21
•	1	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 (laminat\$5 applying)	USPAT: US-PGFUB: FPO, JPO:	2003/04/15 12:21
_	14	(paint pigment dye ink) near9 wet near9 (thermoplastic	DERWENT, IBM_TDB USPAT:	2003/04/15 12:23
		(heat-sensitive)) near9 (coat\$4 laminat\$5 applying)	US-PGPUB. FPO, JPO: DERWENT:	
-	.3	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 bond\$4	IBM_TDB USPAT. US-PGPUB:	2003/04/15 12:25
			FFO JPO: DERWENT: IBM_TDB	
-	14	"739923"	USPAT. US-PGPUB; PPO, JPO;	2003/04/15 12:25
-	4	"5667614"	DERWENT: IBM_TDB USFAT:	2003/04/15 12:32
			US-PGPUB: EPO, JPO; DERWENT;	
	1	"20030035933"	IBM_TDB USPAT: US-PGPUB;	2003/04/15 13.13
			EFO, JPO, DERWENT, IBM_TDB	
-	22	"5112423"	USPAT; US-PGPUB, EPO, JPO,	2003/04/15 13:26
-	23	"3660212"	DERWENT, IBM_TDB USFAT,	2003/04/15 13 50
			US-PGP B. EPOLIPOL DERWENT:	
-	3908	screen\$1printing	IBM_TDB USPAT, US-PGPUB:	2003/04/15 13 51
			EPOLIPOL DEEWENT BM_TDB	
-	378	screen\$1printing near5 (ink paint\$4 pigment)	USPĀT. US-PGPUB. EPO, JPO.	2003 04/15/13/52
			DERWENT: IBM_TDB	

- '	308	screen\$1printing near5 ink	USPAT,	2003/04/15 13 52
			US-PGPUB.	
			ЕРО, ЛРО:	
			DERWENT;	
			IBM TDB	
-	9	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo	USPĀT;	2003/04/15 14:08
		decal) and (screen\$1printing near5 ink)	US-PGPUB:	
		, ,	EPO; JPO;	
			DERWENT,	
			BM_TDB	